

ABSTRACT OF THE INVENTION

A device for eliminating a gap of the threaded rod of a plane machine has four gap nuts respectively 5 screwed with four threaded rods under the threaded rod bases of a planing table. Four springs are respectively fitted between the backlash nuts and the threaded rod bases. When the gap nuts are screwed upward, the springs are pressed to produce a pushing-up force to 10 push against the threaded rod bases and the planing table, and the pushing-up force is greater than the total weight of the rod bases and the table. Thus, the threaded rod bases can be pushed by the springs to move upward and closely contact the threaded rods to eliminate a gap 15 therebetween, stabilizing the table and the planning knife to perform planing precisely and elevate the quality of planing.